



**NOF METAL COATINGS  
GROUP**



**Innovation links us together**

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The inventors of proprietary zinc  
flake anticorrosion coatings



### **NOF CORPORATION** **New value creation,** **contributing to society and human life**

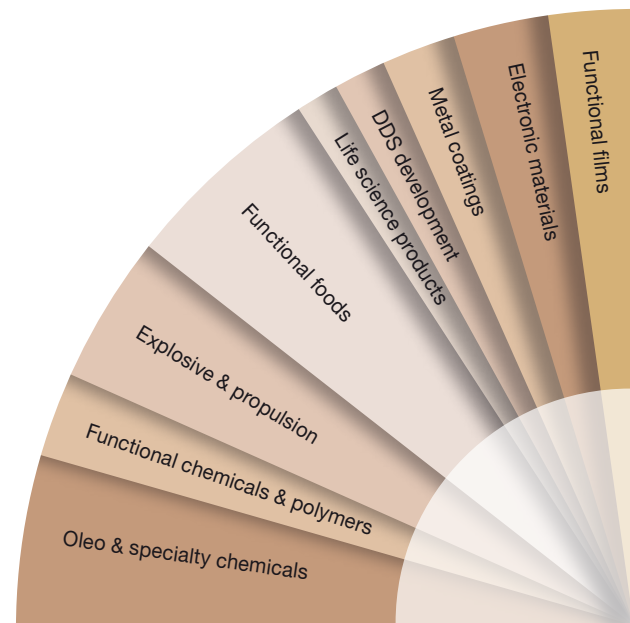
*The NOF CORPORATION, our shareholder, is a leading Japanese chemical company, pursuing multi-faceted business development, using in-house developed technologies. The NOF CORPORATION continually endeavors to realize its management philosophy of “creating new values in a broad spectrum from biosphere to outer space” by focusing particularly on the fields of “life science”, “electronic and information” and “environment and energy”.*

Under NOF CORPORATION leadership, we, METAL COATINGS INTERNATIONAL, DACRAL, METAL COATINGS BRASIL, NIPPON DACRO SHAMROCK, KOREA SHAMROCK and SHANGHAI NDS have decided to change and unify our group company names in order to clarify and emphasize our world market leadership in zinc flake thin film corrosion protection systems.

The unified group company name is NOF METAL COATINGS GROUP.

As a truly global corporation, our company name change and deeper group unification is a great step to supply better products and services to our customers and enhancing our corporate values by uniting and focusing the efforts of our worldwide employees.

The NOF CORPORATION and NOF METAL COATINGS GROUP companies are making sincere and earnest efforts through the zinc flake coating business, not only in compliance with global rules and values, but also in performance of the social responsibilities of a corporate citizen, to conserve the natural environment and secure people's health and safety.





## Our values, our commitments

### **Listen, invent, exchange, protect Serving technological innovation**

For more than 30 years, our worldwide network of companies has been working closely to develop high performance thin layer anticorrosion systems. After inventing zinc flake coatings, we have and are continuing to improve our products to meet increasing market requirements. Our innovations and priority developments have enabled us to be the worldwide market leader.

Our mission is based on satisfying our customers' needs, offering high performance products worldwide. Listening to our customers and great service are always our priority. Being responsive, close to your operations and able to answer your global and local needs is essential to our mutual business.

Our anticorrosion business group gets its power from its global synergy. Each company of our group plays a strategic role. We constantly coordinate our research and technical innovations as well as pool our collective know-how and expertise to collaborate on each special project required by our customers.

Concern for the environment is a fundamental element in the synergistic functioning of our group companies. We go beyond just researching environment-friendly corrosion protection chemicals. We believe it is essential for us to ensure the protection of the planet and our existence as a way of acting, working and progressing.

Our commitments include encouraging and supporting the development of personal growth and competencies for all our group employees. Our wish is that they can fulfill their own personal and professional challenges.

We are steadfast in our belief that innovation, listening to our customers, having global vision with local approach and care for the environment are the major factors for the competitiveness of our group, and our mutual success with our business partners.



### Global synergy

Among our group, we strive to share competencies and technical, scientific, commercial and marketing information from all over the world. Our international R&D, sales, marketing and engineering teams have been working closely for many years. The exchange of ideas and know-how enables us to meet both the global and specific local project needs of our customers precisely, enabling us to “innovate together to progress”.

### Worldwide availability, attention to local needs

Our corrosion protection coatings are available worldwide, and also meet specific local needs. We partner with a network of representatives to ensure our customers continuity in commercial relationships and technical assistance. Our network enables us to guarantee stronger local presence and support throughout worldwide markets.

### Top quality, consistently, worldwide

Our group's quality management system brings life to our projects and supports our internal development strategy. It is oriented to our customers and licensees in order to continuously improve our products. Our objective is to guarantee a consistent and identical level of quality through all of our licensed worldwide applicators.



# Satisfy needs of leading and high-growth industries

## Credibility, expertise

We continue building our know-how with very demanding industrial sectors, mainly the automotive industry. We have the reputation and confidence of many industries, which know they can rely on our expertise and deep knowledge of their markets. Our products are applied in many sectors as well as being used for environmentally friendly equipment.

Automotive and heavy trucks industries  
Wind turbine  
Rail  
Construction industry, public works  
and heavy duty

Electrical equipment  
Farm equipment  
Renewable energies  
(solar, photovoltaic)

## Find a solution for each project

## Demand, performance

Our reputation in various industries continually brings us new challenges. Whether it be new technical demands, research on high performance, complex part geometry or diversity of part materials - we study all needs. Then we propose a global and long-term value added solution.



# Make each product a global standard

Technological development is the basis on which we work to develop zinc flake based coatings. We research and develop waterborne chemical compounds and also develop specific application processes. Our technologies enable us to guarantee high performing thin layer anticorrosion coatings on metallic parts.

## GEOMET®

### Efficiency and respect of the environment

The GEOMET® range of products is a standard worldwide reference for industries requiring high performance anticorrosion solutions with thin layers. GEOMET® products are **completely chrome-free** and capable of protecting a wide variety of metallic surfaces. The coatings are well suited for protecting both large and small parts, having either simple or complex geometry. In particular GEOMET® coatings are a worldwide standard use product for fasteners.

## GEOBLACK®

### Performance and aesthetics

The GEOBLACK® system, based on zinc flake GEOMET®, provides an aesthetic black color to metallic parts. Such characteristics of high corrosion resistance combined with a black finish are especially required by the automotive industry, with high technical performance and aesthetic requirements.



## **DACROMET®**

### **The reference**

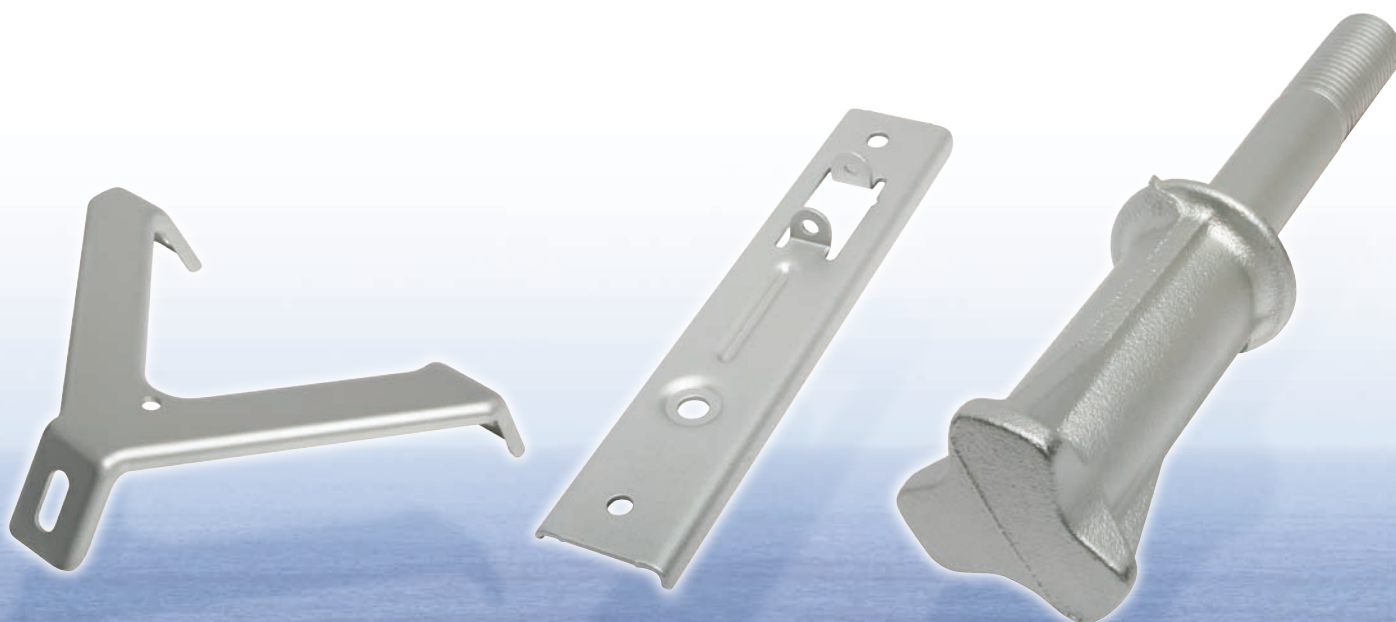
When you talk about zinc flake technology, only one name comes out consistently: DACROMET®.

The DACROMET® range of products is a worldwide recognized standard which continues to be the material of choice for many industries even after more than 30 years. Its success and performance are the proof of our technological innovation.

## **PLUS® - DACROLUB®**

### **Optimal performance**

The PLUS® and DACROLUB® product ranges are topcoats which offer multiple functions when applied on DACROMET® and GEOMET®. They enable an increase in corrosion resistance, and enable control of the coefficient of friction on threaded parts. DACROLUB® topcoats are also available in a range of colors for part identification and other uses.



# Application processes

## Develop the full potential

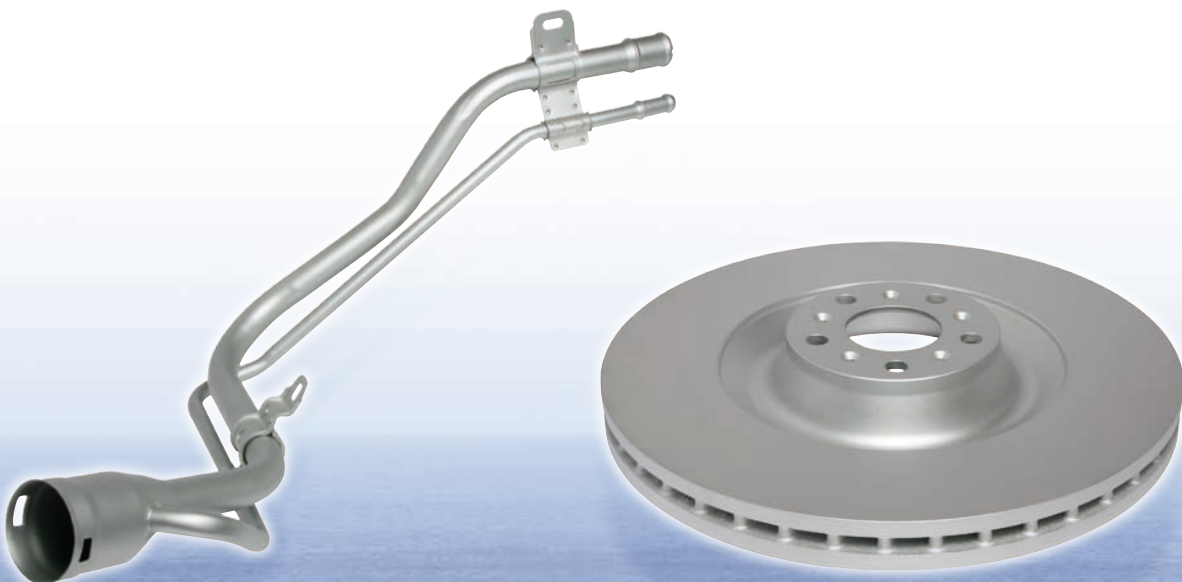
### Durability, reliability

Our coatings are industrially applied by our worldwide network of licensed applicators that have long experience and are very well trained for using our chemical compounds. We have been working with most of our Licensees for many years. Our network of Licensees represent an important industrial capacity that can treat large volumes of parts and answer specific needs. There are different application processes: in bulk, in drum, by spraying... Our group gives support to our Licensees to optimise line performance and to reach the expected quality level and performance, to satisfy customers' demands.

## Continuous improvement for better performance

### Innovation, precision

The current application processes are the subject of constant research and improvement. We study all possibilities to optimise each step of the application process, the drying and curing, and of course reducing impact on the environment. Another important objective is decreasing application costs to improve production line profitability. Also, we work to adapt application processes to the specific characteristics of various metallic parts. We carry out a wide range of tests in our highly specialized and well-equipped laboratories.





# NOF METAL COATINGS GROUP

For more information on our group:  
[www.nofmetalcoatings.com](http://www.nofmetalcoatings.com)



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